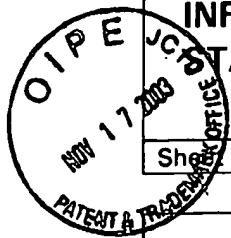


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Substitute for Form PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if known

Application Number	09/919,740
Filing Date	08/01/2001
First Named Inventor	Shauki Elassaad et al.
Group Art Unit	Not yet assigned 2825
Examiner Name	Not yet assigned PAUL DINH
Attorney Docket Number	21891.03100

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ² (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁴
PD	C1	Otten, R. et al. (1998) "Planning for Performance" <i>Proceedings of the 35th Design Automation Conference</i> , San Francisco	
	C2	van Ginneken, L.P.P.P. (1990) "Buffer Placement in Distributed RC-tree Networks for Minimal Elmore Delay," <i>Proceedings of the International Symposium on Circuits and Systems</i> pp. 865-868	
	C3	Murgai, R. (1999) "Delay-Constrained Area Recovery Via Layout-Driven Buffer Optimization," <i>Proceedings of the International Workshop on Logic Synthesis</i> , Lake Tahoe	
	C4	Executive Summary from www.gigascale.org/about/overview/executive-summary.htm	
PD	C5	"The National Technology Roadmap for Semiconductors," (1997) Semiconductor Industry Association	

Examiner Signature	<i>Paul Dinh</i>	Date Considered	2/17/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form PTO-1449		Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/919,740
		Filing Date	8/1/01
		First Named Inventor	Elassaad et al.
		Group Art Unit	Not yet assigned 2825
		Examiner Name	Not yet assigned PAUL DINH
Attorney Docket Number	21891.03100		
Sheet 1 of 1	Use as many sheets as necessary)		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
PD	A1	6,009,248		Sato et al.	12/28/1999	
PD	A2	6,389,581		Muddu et al.	05/14/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T*
PD	C1	Copy of International Search Report dated February 4, 2003 for PCT/US02/23681	

Examiner Signature	Paul Dinh	Date Considered	2/17/05
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